

FIGURE 1A.

5 ATGTCCTGA AAAACGAGCC ACGGGTAAAT ACCTCTGCAC TGCAGAAAAT TGCTGCTGAC ATGAGTAATA 70
TCATAGAAAA TCTGGACACG CGGGAACCTC ACTTTGAGGG AGAGGAGGTA GACTACGACG TGTCTCCAG 140
CGATCCCAAG ATACAAGAAG TGTATATCCC TTTCTCTGCT ATTTATAACA CTCAGGATT TAAGGAGCCT 210
10 AATATACAGA CGTATCTCTC CGGCTGTCCA ATAAAAGCAC AAGTTCTGGA AGTGGAACGC TTCACATCTA 280
CAACAAGGGT ACCAAGTATT AATCTTTACA CTATTGAATT AACACATGGG GAATTTAAAT GGCAAGTTAA 350
GAGGAAATTC AAGCATTTTC AAGAATTTCA CAGAGAGCTG CTCAAGTACA AAGCCTTTAT CCGCATCCCC 420
15 ATTCCCACTA GAAGACACAC GTTTAGGAGG CAAAACGTCA GAGAGGAGCC TCGAGAGATG CCCAGTTTGC 490
CCCGTTTCATC TGAAAACATG ATAAGAGAAG AACAAATTCCT TGGTAGAAGA AAACAACTGG AAGATTACTT 560
20 GACAAAGATA CTAAAAATGC CCATGTATAG AAACATCAT GCCACAACAG AGTTTCTTGA TATAAGCCAG 630
CTGTCTTTCA TCCATGATTT GGGACCAAAG GGCATAGAAG GTATGATAAT GAAAAGATCT GGAGGACACA 700
GAATACCAGG CTTGAATTGC TGTGGTCAGG GAAGAGCCTG CTACAGATGG TCAAAAAGAT GGTTAATAGT 770
25 GAAAGATTCC TTTTATTGT ATATGAAACC AGACAGCGGT GCCATTGCCT TCGTCTGCT GGTAGACAAA 840
GAATTCAAAA TTAAGGTGGG GAAGAAGGAG ACAGAAACGA AATATGGAAT CCGAATTGAT AATCTTTCAA 910
30 GGACACTTAT TTAAATATGC AACAGCTATA GACATGCTCG GTGGTGGGGA GGGGCTATAG AAGAATTCAT 980
CCAGAAACAT GGCACCAACT TTCTCAAAGA TCATCGATTT GGGTCATATG CTGCTATCCA AGAGAATGCT 1050
TTAGCTAAAT GGTATGTTAA TGCCAAAGGA TATTTTGAAG ATGTGGCAA TGCAATGGAA GAGGCAAATG 1120
35 AAGAGATTTT TATCACAGAC TGGTGGCTGA GTCCAGAAAT CTTCCTGAAA CGCCCAGTGG TTGAGGGAAA 1190
TCGTTGGAGG TTGGACTGCA TTCTTAAACG AAAAGCACAA CAAGGAGTGA GGATCTTCAT AATGCTCTAC 1260
40 AAAGAGGTGG AACTCGCTCT TGGCATCAAT AGTGAATACA CCAAGAGGAC TTTGATGCGT CTACATCCCA 1330
ACATAAAGGT GATGAGACAC CCGGATCATG TGTATCCAC CGTCTATTTG TGGGCTCACC ATGAGAAGCT 1400
TGTATCATTT GACCAATCGG TGGCCTTTGT GGGAGGGATT GACCTGGCCT ATGGAAGGTG GGACGACAAT 1470
45 GAGCAGACAC TCACAGACGT GGGCAGTGTG AAGCGGTCA CTTCAGGACC GTCTCTGGGT TCCCTCCAC 1540
CTGCCGAAT GGAGTCTATG GAATCCTTAA GACTCAAAGA TAAAAATGAG CCTGTTCAA ACCTACCCAT 1610
50 CCAGAAGAGT ATTGATGATG TGGATTCAA ACTGAAAGGA ATAGGAAAGC CAAGAAAGTT CTCCAAATTT 1680
AGTCTCTACA AGCAGCTCCA CAGGCACCAC CTGCACGACG CAGATAGCAT CAGCAGCATT GACAGCACCT 1750
CCAGTTATTT TAATCACTAT AGAAGTCATC ACAATTTAAT CCATGGTTTA AAACCCCACT TCAAACCTCT 1820
55 TCACCCGTCC AGTGAGTCTG AGCAAGGACT CACTAGACCT CATGCTGATA CCGGGTCCAT CCGTAGTTTA 1890
CAGACAGGTG TGGGAGAGCT GCATGGGGAA ACCAGATTCT GGCATGGAAA GGACTACTGC AATTTCTGCT 1960
60 TCAAAGACTG GGTTCAACTT GATAAACCTT TTGCTGATTT CATTGACAGG TACTCCACGC CCCGGATGCC 2030
CTGGCATGAC ATTGCCTCTG CAGTCCACGG GAAGCGGCT CGTGATGTGG CACGTCACCT CATCCAGCGC 2100
TGGAACCTCA CAAAATTAT GAAATCAAAA TATCGGTCCC TTTCTTATCC TTTTCTGCTT CCAAAGTCTC 2170
65 AAACAACAGC CCATGAGTTG AGATATCAAG TGCCTGGGTC TGTCCATGCT AACGTACAGT TGCTCCGCTC 2240
TGCTGCTGAT TGGTCTGCTG GTATAAAGTA CCATGAAGAG TCCATCCACG CCGCTTACGT CCATGTGATA 2310
70 GAGAACAGCA GGCACATAT CTATATCGAA AACCAGTTTT TCATAAGCTG TGCTGATGAC AAAGTTGTGT 2380

FIGURE 1B.

5 TCAACAAGAT AGGCGATGCC ATTGCCCAGA GGATCCTGAA AGCTCACAGG GAAAACCAGA AATACCGGGT 2450
ATATGTCGTG ATACCACTTC TGCCAGGGTT CGAAGGAGAC ATTTCAACCG GCGGAGGAAA TGCTCTACAG 2520
GCAATCATGC ACTTCAACTA CAGAACCATG TGCAGAGGAG AAAATTCCAT CCTTGGACAG TTAAAAGCAG 2590
10 AGCTTGGTAA TCAGTGGATA AATTACATAT CATTCTGTGG TCTTAGAACA CATGCAGAGC TCGAAGGAAA 2660
CCTAGTAACT GAGCTTATCT ATGTCCACAG CAAGTTGTTA ATTGCTGATG ATAACACTGT TATTATTGGC 2730
TCTGCCAACA TAAATGACCG CAGCATGCTG GGAAAGCGTG ACAGTGAAAT GGCTGTCATT GTGCAAGATA 2800
15 CAGAGACTGT TCCTTCAGTA ATGGATGGAA AAGAGTACCA AGCTGGCCCG TTTGCCCGAG GACTTCGGCT 2870
ACAGTGCTTT AGGGTTGTCC TTGGCTATCT TGATGACCCA AGTGAGGACA TTCAGGATCC AGTGAGTGAC 2940
20 AAATTCITCA AGGAGGTGTG GGTTCACAA GCAGCTCGAA ATGCTACAAT TTATGACAAG GTTTTCCGGT 3010
GCCTTCCCAA TGATGAAGTA CACAATTTAA TTCAGCTGAG AGACTTTATA AACAAGCCCG TATTAGCTAA 3080
GGAAGATCCC ATTCGAGCTG AGGAGGAACT GAAGAAGATC CGTGGATTTT TGGTGCAATT CCCCTTTTAT 3150
25 TTCTTGCTCTG AAGAAAGCCT ACTGCCTTCT GTTGGGACCA AAGAGGCCAT AGTGCCCATG GAGGTTTGGG 3220
CTTAA 3225
30

FIGURE 2.

5 MSLKNEPRVN TSALQKIAAD MSNIENLDT RELHFEGETEV DYDVSPSDPK IQEVYIPFSA IYNTQGFKEP 70
NIQTYLSGCP IKAQVLEVER FTSTTRVPSI NLYTIELTHG EFKWQVKRKF KHFQEFHREL LKYKAFIRIP 140
10 IPTRRHTFRR QNVREEPREM PSLPRSENEM IREEQFLGRR KQLEDYLTKE LKMPMYRNYH ATTEFLDISQ 210
LSFIHDLGPK GIEGMIMKRS GGHRIPLNC CGQGRACYRW SKRWLIVKDS FLLYMKPDSC AIAFVLLVDK 280
EFKIKVGKKE TETKYGIRID NLSRTLILKC NSYRHRWWG GAIEEFIQKH GTNFKDHRF GSYAAIQENA 350
15 LAKWYVNAKG YFEDVANAME EANEIEFITD WWLSPEIFLK RPFVVEGNRWR LDCILKRKAQ QGVRIFIMLY 420
KEVELALGIN SEYTKRTLNR LHPNIKVMRH PDHVSSTVYL WAHHEKLVII DQSVAFVGGI DLAYGRWDDN 490
20 EHRLTDVGSV KRVTSGPSLG SLPPAAMESM ESLRLKDKNE PVQNLPIQKS IDVDVSKLKG IGKPRKFSKF 560
SLYKQLHRHH LHDADSISSI DSTSSYFNHY RSHHNLHGL KPHFKLFHPS SESEQGLTRP HADTGSIRSL 630
QTGVGELHGE TRFWHGKDYC NFVFKDWVQL DKPFADFIDR YSTPRMPWHD IASAVHGKAA RDVARHFIQR 700
25 WNFTKIMKSK YRSLSYPFLK PKSQTAAHEL RYQVPGSVHA NVQLLRSAAD WSAGIKYHEE SIHAAYVHVI 770
ENSRHYIYIE NQFFISCADD KVVFNKIGDA IAQRILKAHR ENQKYRVYVV IPLLPGFEGD ISTGGGNALQ 840
30 AIMHFNRYTM CRGENSILGQ LKAEGLNQWI NYISFCGLRT HAELEGNLVT ELIYVHSLKLL IADDNTVIIG 910
SANINDRSM LKRDSEMAVI VQDTETVPSV MDGKEYQAGR FARGRLQCF RVVLGYLDDP SEDIQDPVSD 980
KFFKEVWVST AARNATIYDK VFRCLPNDEV HNLIQLRDFI NKPVLAKEDP IRAEEELKKI RGFLVQFFFY 1050
35 FLSEESLLPS VGTKEAIVPM EVWT 1074

FIGURE 3A.

ATGACGGCGA CCCCTGAGAG CCTCTTCCCC ACTGGGGACG AACTGGACTC CAGCCAGCTC CAGATGGAGT 70
5 CCGATGAGGT GGACACCCTG AAGGAGGGAG AGGACCCAGC CGACCGGATG CACCGGTTTC TGGCCATCTA 140
TGAGCTTCAG TCTCTGAAAG TGCACCCCTT GGTGTTTCGA CCTGGGGTCC CTGTCACAGC CCAGGTGGTG 210
10 GGCACCGAAA GATATACCAG CGGATCCAAG GTGGGAACCT GCACTCTGTA TTCTGTCCGC TTGACTCAGC 280
GCGACTTTTC CTGGACAACC AAGAAGAAAT ACCGTCAATT TCAGGAGCTG CATCGGGACC TCCTGAGACA 350
CAAAGTCTTG ATGAGTCTGC TCCCTCTGGC TCGATTTGCC GTTGCCTATT CTCCAGCCCG AGATGCAGGC 420
15 AACAGAGAGA TGCCCTCTCT ACCCCGGGCA GGTCTTGAGG GCTCCACCAG ACATGCAGCC AGCAAACAGA 490
AATACCTGGA GAATTACCTC AACTGTCTCT TGACCATGTC TTTCTATCGC AACTACCATG CCATGACAGA 560
GTTCTTGAA GTCAGTCAGC TGTCTTTAT CCCGGACTTG GGCCGCAAAG GACTGGAGGG GATGATCCGG 630
20 AAGCGCTCAG GTGGCCACCG TGTCTCTGGC CTCACCTGCT GTGGCCGAGA CCAAGTTTGT TATCGCTGGT 700
CCAAGAGGTG GCTGGTGGTG AAGGACTCCT TCCTGTGTA CATGTGCCTC GAGACAGGTG CCATCTCATT 770
25 TGTTCAGCTC TTTGACCCTG GCTTTGAGGT GCAAGTGGG AAAAGGAGCA CGGAGGCACG GCACGGCGTG 840
CGGATCGATA CCTCCCACAG GTCCTTGATT CTCAAGTGCA GCAGCTACCG GCAGGCACGG TGGTGGGCCC 910
AAGAGATCAC TGAGCTGGCA CAGGGCCCAG GCAGAGACTT CCTACAGCTG CACCGGCATG ACAGCTACGC 980
30 CCCACCCCGG CCTGGGACCT TGGCCCGTG GTTTGTGAAT GGGGCAGGTT ACTTTGCTGC TGTGGCAGAT 1050
GCCATCCTTC GAGCTCAAGA GGAGATTTTC ATCACAGACT GGTGGTTGAG TCCTGAGGTT TACCTGAAGC 1120
35 GTCCGGCCCA TTCAGATGAC TGGAGACTGG ACATTATGCT CAAGAGGAAG GCGGAGGAAG GTGTCCGTGT 1190
GTCTATTCTG CTGTTTAAAG AAGTGAATT GGCCTTGGC ATCAACAGTG GCTATAGCAA GAGGGCGCTG 1260
ATGCTGCTGC ACCCCAACAT AAAGGTGATG CGTCACCCAG ACCAAGTGAC GTTGTGGGCC CATCATGAGA 1330
40 AGCTCTGGT GGTGGACCA GTGGTAGCAT TCCTGGGGG ACTGGACCTT GCCTATGGCC GCTGGGATGA 1400
CCTGCACTAC CGACTGACTG ACCTTGAGA CTCCTCTGAA TCAGCTGCCT CCCAGCCTCC CACCCCGCGC 1470
45 CCAGACTCAC CAGCCACCCC AGACCTCTCT CACAACCAAT TCTTCTGGCT GGGCAAGGAC TACAGCAATC 1540
TTATACCAA GGAAGTGGTG CAGCTGGACC GGCCTTTCGA AGATTTCATT GACAGGGAGA CGACCCCTCG 1610
GATGCCATGG CGGGACGTTG GGGTGGTCGT CCATGGCCTA CCGGCCGGG ACCTTGCCCG GCACCTTCATC 1680
50 CAGCGCTGGA ACTTCACCAA GACCACCAAG GCCAAGTACA AGACTCCCAT ATACCCCTAC CTGCTTCCCA 1750
AGTCTACCAG CACGGCCAAT CAGCTCCCCT TCACACTTCC AGGAGGGCAG TGCACCACCG TACAGGTCTT 1820
55 GCGATCAGTG GACCGCTGGT CAGCAGGGAC TCTGGAGAAC TCCATCCTCA ATGCCTACCT GCACACCATC 1890
AGGGAGAGCC AGCACTTCCT CTACATTGAG AATCAGTTCT TCATTAGCTG CTCAGATGGG CGGACGGTTC 1960
TGAACAAGGT GGGCGATGAG ATTGTGGACA GAATCCTGAA GGCCCAAAA CAGGGGTGGT GTTACCGAGT 2030
60 CTACGTGCTT TTGCCCTTAC TCCCTGGCTT CGAGGGTGAC ATCTCCACGG GCGGTGGCAA CTCCATCCAG 2100
GCCATTCTGC ACTTTACTTA CAGGACCCTG TGTGTTGGG AGTATTCAAT CCTGCATCGC CTTAAAGCAG 2170
65 CCATGGGGAC AGCATGGCGG GACTATATT CCATCTGCGG GCTTCGTACA CACGGAGAGC TGGGCGGGCA 2240
CCCCGTCTCG GAGCTCATCT ACATCCACAG CAAGGTGCTC ATCGCAGATG ACCGGACAGT CATCATTGGT 2310
TCTGCAACA TCAATGACCG GAGCTTGCTG GGGAGCGGG ACAGTGAGCT GGCCGTGCTG ATCGAGGACA 2380
70 CAGAGACGGA ACCATCCCTC ATGAATGGGG CAGAGTATCA GGCGGGCAGG TTTGCCTTGA GTCTGCGGAA 2450
GCACTGCTTC GGTGTGATTC TTGGAGCAA TACCCGGCCA GACTTGGATC TCCGAGACCC CATCTGTGAT 2520

FIGURE 3B.

5 GACTTCTTCC AGTTGTGGCA AGACATGGCT GAGAGCAACG CCAATATCTA TGAGCAGATC TTCCGCTGCC 2590
TGCCATCCAA TGCCACGCGT TCCCTGCGGA CTCTCGGGA GTACGTGGCC GTGGAGCCCT TGGCCACGGT 2660
CAGTCCCCC TTGGCTCGGT CTGAGCTCAC CCAGGTCCAG GGCCACCTGG TCCACTTCCC CCTCAAGTTC 2730
10 CTAGAGGATG AGTCTTTGCT GCCCCGCTG GGTAGCAAGG AGGGCATGAT CCCCCTAGAA GTGTGGACAT 2800
AG 2802

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FIGURE 4.

5 MTATPESLFP TGDELDSSQL QMESDEVDTL KEGEDPADRM HPFLAIYELQ SLKVHPLVFA PGVPVTAQVV 70
GTERYTSGSK VGTCTLYSVR LTHGDFSMTT KKKYRHFQEL HRDLLRHKVL MSLPLARFA VAYSPARDAG 140
10 NREMPSLPRA GPEGSTRHAA SKQKYLENYL NCLLTMSFYR NYHAMTEFLE VSQLSFIPDL GRKGLEGMR 210
KRSGGHRVPG LTCCGRDQVC YRWSKRWLTV KDSFLLYMCL ETGAISFVQL FDPGFVQVG KRSTEARHGV 280
RIDTSHRSLI LKCSSYRQAR WWAQEITELA QGPGRDFLQL HRHDSYAPPR PGTLARWFVN GAGYFAAVAD 350
15 AILRAQEEIF ITDWWLSPEV YLKRPAHSDD WRDLMLKRK AEEGVRVSIL LFKEVELALG INSGYSKRAL 420
MLLHPNIKVM RHPDQVTLWA HHEKLLVVDQ VVAFLGGLDL AYGRWDDLHY RLTDLGDSE SAASQPPTPR 490
PDSPATPDLN HNQFFWLKGD YSNLITKDWV QLDRPFEDFI DRETTPRMPW RDVGVVVHGL PARDLARHFI 560
20 QRWNFTKTK AKYKTIPIPY LLPKSTSTAN QLPFTLPGGQ CTTVQVLRV DRWSAGTLEN SILNAYLHTI 630
RESQHFLYIE NQFFISCSHG RTVLNKGDE IVDRILKAHK QGWCYRVYVL LPLLPGFEGD ISTGGGNSIQ 700
25 AILHFTYRTL CRGEYSILHR LKAAMGTAWR DYISICGLRT HGELGGHPVS ELIYIHSKVL IADDRTVIIG 770
SANINDRSLI GKRDSSELAVL IEDTETEPSL MNGAEYQAGR FALSRLKHCF GVILGANTRP DDLRDPICD 840
DFFQLWQDMA ESNANIYEQI FRCLPSNATR SLRTLREYVA VEPLATVSPP LARSELTQVQ GHLVHFPLKF 910
30 LEDESLLPPL GSKEGMIPLE VWT 933

FIGURE 5.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTGCCTG CAGAGGAGCC CGCCAATGAG CTGCCCCATGA 70
ATGAGATTGA GCGGTGGAAG GCTGCGGAAA AGAAAGCCCG CTGGGTCTCG CTGGTCCTCA TTCTGGCGGT 140
5 TGTGGGCTTC GGAGCCCTGA TGA CTGAGCT GTTCTATGG GAATACGGCG ACTTGCACTCT CTTTGGGCCC 210
AACCAGCGCC CAGCCCCCTG CTATGACCCT TGCGAAGCAG TGCTGGTGGA AAGCATTCCT GAGGGCCTGG 280
10 ACTTCCCCAA TGCCTCCACG GGGAACCCCT CCACCAGCCA GGCCTGGCTG GGCCTGCTCG CCGGTGCGCA 350
CAGCAGCCTG GACATCGCCT CTTTCTACTG GACCCTCACC AACAATGACA CCCACACGCA GGAGCCCTCT 420
GCCCAGCAGG GTGAGGAGGT CCTCCGGCAG CTGCAGACCC TGGCACCAAA GGGCGTGAAC GTCCGCATCG 490
15 CTGTGAGCAA GCCCAGCGGG CCCAGCCAC AGGCGGACCT GCAGGCTCTG CTGCAGAGCG GTGCCAGGT 560
CCGCATGGTG GACATGCAGA AGCTGACCCA TGGCGTCCTG CATACCAAGT TCTGGGTGGT GGACCAGACC 630
20 CACTTCTACC TGGGCAGTGC CAACATGGAC TGGCGTTCAC TGACCCAGGT CAAGGAGCTG GCGGTGGTCA 700
TGTACAATG CAGCTGCCTG GCTCGAGACC TGACCAAGAT CTTTGAGGCC TACTGGTTCC TGGGCCAGGC 770
AGGCAGCTCC ATCCCATCAA CTTGGCCCCG GTTCTATGAC ACCCGCTACA ACCAAGAGAC ACCAATGGAG 840
25 ATCTGCCTCA ATGGAACCCC TGCTCTGGCC TACCTGGCGA GTGCGCCCCC ACCCTGTGT CCAAGTGGCC 910
GCACTCCAGA CCTGAAGGCT CTA CTCAACG TGGTGACAA TGCCCGGAGT TTCATCTACG TCGCTGTCTAT 980
30 GAACTACCTG CCCACTCTGG AGTTCTCCCA CCCTCACAGG TTCTGGCCTG CCATTGACGA TGGGCTGCGG 1050
CGGGCCACCT ACGAGCGTGG CGTCAAGGTG CGCCTGCTCA TCAGCTGCTG GGGACACTCG GAGCCATCCA 1120
TGCGGGCCTT CTGCTCTCT CTGGCTGCCC TGCGTGACAA CCATACCCAC TCTGACATCC AGGTGAAACT 1190
35 CTTTGTGGTC CCCGCGGATG AGGCCCAGGC TCGAATCCCA TATGCCCGTG TCAACCACAA CAAGTACATG 1260
GTGACTGAAC GCGCCACCTA CATCGGAACC TCCAACTGGT CTGGCAACTA CTTACGGAG ACGGCGGGCA 1330
40 CCTCGCTGCT GGTGACGCAG AATGGGAGGG GCGGCCTGCG GAGCCAGCTG GAGGCCATTT TCCTGAGGGA 1400
CTGGGACTCC CTTTACAGCC ATGACCTTGA CACCTCAGCT GACAGCGTGG GCAACGCCTG CCGCCTGCTC 1470
TGA 1473

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FIGURE 6.

5 MKPKLMYQEL KVPAAEPANE LPMNEIEAWK AAEEKARWVL LVLILAVVGF GALMTQLFLW 60
EYGDLLHFGP NQRPAFCYDP CEAVLVESIP EGLDFPNAST GNPSTSQAWL GLLAGAHSSL 120
DIASFYWTLT NNDTHTQEPS AQQGEEVLRQ LQTLAPKGVN VRIAVSKPSG PQPQADLQAL 180
LQSGAQVRMV DMQKLTHGVL HTKFWVVDQT HFYLG SANMD WRSLTQVKEL GVVMYNC SCL 240
ARDLTKIFEA YWFLGQAGSS IPSTWPRFYD TRYNQETPME ICLNGTPALA YLASAPPPLC 300
PSGRTPDLKA LLNVVDNARS FIYVAVMNYL PTLEF SHPHR FWPAIDDGLR RATYERGVKV 360
RLLISCWGHS EPSMRAFLLS LAALRDNH TH SDIQVKLFVV PADEAQARIP YARVNH NKYM 420
10 VTERATYIGT SNWSGNYFTE TAGTSLLVTQ NGRGGLRS QL EAIFLRDWDS PYSHDLDTSA 480
DSVGNACRLL 490

FIGURE 7.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTTCTCTG TTGAGGAACC TCGGGGAGAA CTGCCCATGA 70
5 ATGAAATCGA GGCATGGAAG GCAGCAGAGA AGAAAGCCCG TTGGGTCCTC CTTGTCCTTA TCCTGGCGGT 140
AGTGGGCTTC GGTGCCCTGA TGACTCAGCT GTTCTATGG GAATACGGGG ACTTACATCT ATTTGGCCCG 210
10 AATCAGCACC CAGCCCCCTG CTATGACCCC TCGAGGCGG TGCTGGTGGA GAGCATTCCC GAGGGGCTGG 280
AGTTTCCCAA TGCCACCACA AGCAACCCCT CCACCAGCCA GGCCTGGTTG GGCCTCCTTG CCGGTGCTCA 350
CAGCAGCCTG GACATCGGT CTTCTACTG GACTCTCACA AACAATGATA CCCACACGCA AGAGCCCTCT 420
15 GCCCAGCAGG GTGAAGAGT TCTTCAGCAG CTTCAGGCTC TGGCACCTCG AGGTGTAAAG GTTCGCATCG 490
CTGTGAGCAA ACCCAACGGA CCTCTGGCTG ATCTGCAGTC TCTGTACAG AGTGGTGCCC AGGTGCGCAT 560
GGTGACATG CAGAAGCTGA CCCATGGTGT CTTGCACACC AAGTTCTGGG TGGTGACCA GACCCACTTT 630
20 TACCTGGGCA GTGCCAACAT GGACTGGCGA TCGCTGACCC AGGTCAAGGA GCTGGGCGTG GTCATGTACA 700
ACTGCAGCTG CTTGGCTCGC GACCTACCA AGATTTTGA AGCCTATTGG TTCCTGGGCC AGGCAGGCAG 770
25 CTCCATCCCT TCAACCTGGC CACGGCCCTT TGACACCCGG TACAACCAAG AAACACCGAT GGAGATCTGC 840
CTCAATGGCA CCCCAGCCCT GGCCTACCTG GCGAGTGCAC CCCC GCCACT GTGTCCAGGT GGCCGCACCC 910
CAGACCTGAA GGCACCTGCT AGCGTGGTGG ACAACGCCCG AAGCTTCATC TACATTGCAG TTATGAAC TA 980
30 CCTGCCACC ATGGAGTTCT CCCATCCACG CAGGTTCTGG CCAGCGATTG ATGATGGGCT AAGACGGGCT 1050
GCGTATGAAC GAGGCGTCAA AGTGCGTTTG CTCATCAGCT GCTGGGGACA CTCCGAGCCA TCCATGCGGT 1120
35 CCTTCCTGCT CTCCTGGCT GCCCTTCGTG ACAACCATAC CCACTCTGAC ATCCAGGTGA AACTGTTTGT 1190
GGTCCCTGCG GATGAGGCC AAGCTCGAAT CCCCTATGCC CGCGTCAACC ACAACAAGTA CATGGTGA 1260
GAACGCACCA CATAATTGG AACCTCCAAC TGGTCTGGAA GCTACTTCAC AGAGACGGCA GGCACCTCCC 1330
40 TGCTGGTGAC ACAGAACGGG CACGGTGGCT TGCGCAGCCA GCTGGAGGCT GTTTCTCTGA GAGACTGGGA 1400
ATCCCATAC AGCCACAACC TTGACACCTC AGCCGACAGT GTGGGCAATG CCTGCCGCT GCTTTGA 1467
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FIGURE 8

5 MKPKLMYQEL KVPVEEPAGE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW EYDDLHLFGP 70
NQHPAPCYDP CEAVLVESIP EGLEFPNATT SNPSTSQAWL GLLAGAHSSL DIASFYWTLT NNDTHTQEPS 140
10 AQQGEEVLQQ LQALAPRGVK VRIAVSKPNG PLADLQSLQ SGAQVRMVD M QKLTHGVLHT KFWVVDQTHF 210
YLGSANMDWR SLTQVKELGV VMYNCSCALAR DLTKIFEAYW FLGQAGSSIP STWPRPFDTR YNQETPMEIC 280
15 LNGETPALAYL ASAPPPLCPG GRTPDLKALL SVVDNARSFI YIAVMNYLPT MEFSHPRRFW PAIDDGLRRA 350
AYERGVKVRL LISCWGHSEP SMRSFLLSLA ALRDNHTHSD IQVKLFVVPA DEAQARIPYA RVNHNKYMVT 420
ERTTYIGTSN WSGSYFTETA GTSLLVTQNG HGGLRSQLEA VFLRDWESPY SHNLDTSADS VGNACRLL 488

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